

**NONPROVISIONAL PATENT  
APPLICATION TRANSMITTAL RULE §1.53(b)  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Customer No. 004372  
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Docket No. 024656-00032  
Date: December 4, 2003

Director of the U.S. PTO  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is a nonprovisional patent application:

For (Title): HYBRID HOTAIR HEATER

By (Inventors): Keiichi ITO (Aichi-ken, JP), Yoshiyuki NOMURA (Aichi-ken, JP), Yoshinori FUJISAWA (Aichi-ken, JP), Yukihiro SHIMONOMA (Aichi-ken, JP), Yoshimune YAMADA (Aichi-ken, JP)

- ☒ 9 pages of Specification/Claims 1-4/Abstract are attached.
- ☒ Formal drawings (Figs. 1-5; 5 sheets) are attached.
- ☒ A Declaration and Power of Attorney is attached.
- ☒ An assignment of the invention to RINNAI CORPORATION is attached, along with Form PTO-1595 and a check for \$40.00.
- ☒ Priority of foreign application No. 2002-371397 filed December 24, 2002 in Japan is claimed under 35 U.S.C. §119.
- ☒ A certified copy of the above corresponding foreign application is attached.

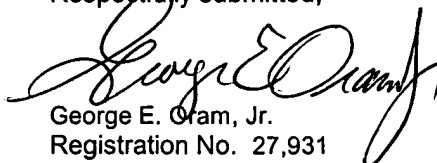
The filing fee is calculated below and includes claim status after entry of any Preliminary Amendment noted above:

FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	4 - 20	= 0
INDEP CLAIMS	1 - 3	= 0
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS		

SMALL ENTITY			LARGE ENTITY	
RATE	FEE	OR	RATE	FEE
	\$ 385	OR		\$ 770
x 9 =	\$	OR	x 18	\$
x 43 =	\$	OR	x 86	\$
+145 =	\$	OR	+290	\$
TOTAL	\$	OR	TOTAL	\$ 770

- ☒ A check in the amount of \$810.00 (\$770 for the filing fee and \$40 for the Assignment Recordation Fee) is attached. Please charge any fee deficiency or credit any overpayment to Deposit Account No. 01-2300.

Respectfully submitted,

  
George E. Oram, Jr.  
Registration No. 27,931

GEO/cam